

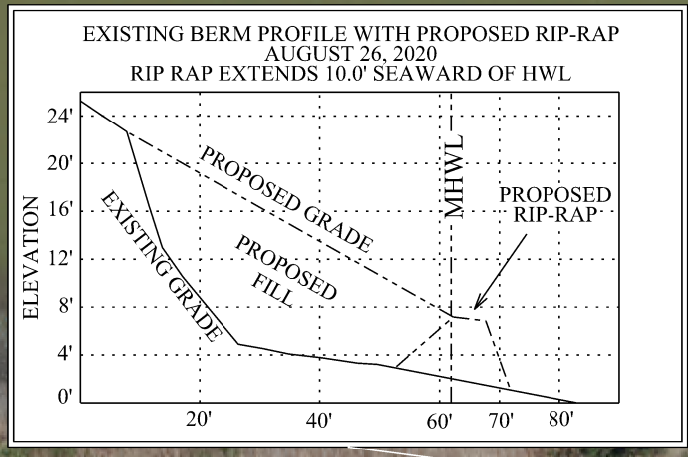
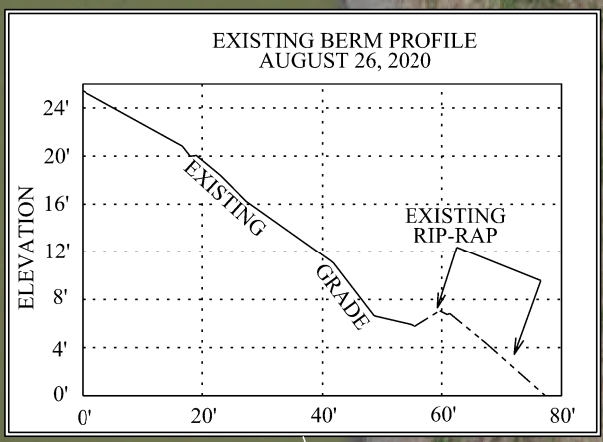
POINT	LAT / LONG	NCSPC 83-2011	
PROP7	33.934351249°N 77.992151567°W	N 68650.6495	E 2305748.5553
PROP8	33.934421331°N 77.991910912°W	N 68676.8967	E 2305821.3006
PROP9	33.934072053°N 77.991646829°W	N 68550.5928	E 2305902.7034
PROP10	33.934003647°N 77.991548434°W	N 68525.9999	E 2305932.8052
RIP1	33.934002404°N 77.991583889°W	N 68525.4383	E 2305922.0541
RIP2	33.933898419°N 77.991534630°W	N 68487.7453	E 2305937.3819
RIP3	33.933529568°N 77.991481507°W	N 68353.6680	E 2305954.8611
RIP4	33.933094939°N 77.991522215°W	N 68195.3619	E 2305944.1187
RIP5	33.932874832°N 77.991732510°W	N 68114.6070	E 2305881.1370
PROP11	33.932699620°N 77.991986411°W	N 68050.0575	E 2305804.7605

FILTER FABRIC TO BE PLACED UNDER RIP RAP FROM TOE OF SLOPE TO TIE POINT WITH BERM.

CUMULATIVE AVERAGE OF RIP RAP PLACED BELOW THE MEAN HIGH WATER LINE WILL BE 0.48 CUBIC YARDS per RUNNING FOOT.

MHWL = MEAN HIGH WATER LINE

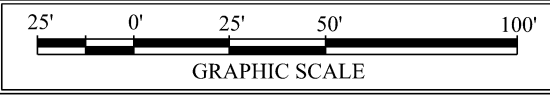
PROJECT SURVEYED BY NCDOT LOCATION AND SURVEYS PERSONNEL. LOCATION OF EXISTING RIP-RAP WAS PARTIALLY LOCATED IN FIELD, 2016 IMAGERY WAS USED TO SUPPLEMENT LOCATION.



LENGTH OF EXISTING RIP RAP MEASURED ALONG APPROX. NORMAL HIGH WATER LINE - 437'

DATUM ;  
GRIDS = STATE PLANE NAD-83/2011  
ZONE = NC-3200 NORTH CAROLINA  
DISTANCE UNIT = US SURVEY FOOT  
DEPTH UNIT = US SURVEY FOOT  
ELLIPSOID = WGS84  
GEOID MODEL = G2012aCONUS  
V DATUM = N/A

EXISTING RIP- RAP 437'+/-  
PROPOSED ON SOUTH END 100'+/-  
PROPOSED ON NORTH END 266'+/-  
PROPOSED NEW TOTAL LENGTH - 803'+/-



PROPOSED PERMITTING CONDITIONS

**SOUTHPORT FERRY  
RIP-RAP EXTENSION**

MAP DATE ; NOVEMBER 09, 2020

Imagery Date: 2016

Map Produced by NCDOT, Location & Surveys

North Carolina Dept of Transportation  
Location & Surveys Unit  
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REGIONAL LOCATION & SURVEYS ENGINEER

MARK G. WARD, PLS  
SONAR OPERATIONS ENGINEER

DATES OF SURVEY:  
AUGUST 26, 2020

SURVEYED BY :  
WILMINGTON FIELD OFFICE

MAPPED BY :  
KRB

FILE NAME :  
SOUTHPORT RIPRAP\_LS\_SSG\_201109.DBF

